



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

## BIB DATA SHEET

CONFIRMATION NO. 6928

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.		
10/519,699	09/14/2005	250	2881	211843-00032		
<b>RULE</b>						
<b>APPLICANTS</b> Thomas N. Horsky, Boxborough, MA; Dale C. Jacobson, Salem, NH; <b>** CONTINUING DATA *****</b> This application is a 371 of PCT/US03/20197 06/26/2003 which claims benefit of 60/463,965 04/18/2003 and is a CIP of 10/183,768 06/26/2002 PAT 6,686,595 <b>** FOREIGN APPLICATIONS *****</b> <b>** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **</b> 09/13/2006						
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Verified and Acknowledged <u>/JOHNNIE L SMITH/</u> Examiner's signature		<input type="checkbox"/> Met after Allowance Initials	<b>STATE OR COUNTRY</b> MA	<b>SHEETS DRAWINGS</b> 36	<b>TOTAL CLAIMS</b> 39	<b>INDEPENDENT CLAIMS</b> 7
<b>ADDRESS</b> PATENT ADMINISTRATOR KATTEN MUCHIN ROSENMAN LLP 2900 K Street NW Suite 200 WASHINGTON, DC 20007-5118 UNITED STATES						
<b>TITLE</b> Ion implantation device and a method of semiconductor manufacturing by the implantation of boron hydride cluster ions						
<b>FILING FEE RECEIVED</b> 1440	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		